

---

## **Seminar**

# **Aerosol-cloud interaction in the Indian context**

**Thara Prabhakaran**

**Indian Institute of Tropical Meteorology, Pune**

Clouds are key to the understanding of climate change and the indirect effect is less understood. The range of processes associated with clouds from micro scale can indeed influence the dynamics at a range of scales and eventually the organization of convection. Indian Institute of Tropical meteorology has conducted an experiment named "Cloud Aerosol Interaction and Precipitation Enhancement Experiment (CAIPEEX)" where indirect effect of aerosols and rain formation mechanisms were the focus. The talk will discuss this experiment and other initiatives undertaken at IITM for understanding the physics and dynamics of tropical clouds and key results from CAIPEEX experiment will also be discussed.

***Tuesday, May 5<sup>th</sup> 2015***

***11:30 AM (Tea/Coffee at 11:15 AM)***

***Seminar Hall, TCIS***